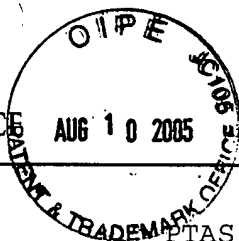




UNITED STATES
PATENT AND
TRADEMARK OFFICE



MARCH 26, 2003

HAMILTON, BROOK, SMITH & REYNOLDS
DAVID J. THIBODEAU, JR., ESQ.
530 VIRGINIA ROAD
P.O. BOX 9133
CONCORD, MA 01742-9133

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102292653A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/20/2002

REEL/FRAME: 013510/0192
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HOFFMANN, JOHN E.

DOC DATE: 11/05/2002

ASSIGNOR:

NELSON, GEORGE RODNEY JR.

DOC DATE: 11/05/2002

ASSIGNOR:

REGNIER, JOHN A.

DOC DATE: 11/05/2002

ASSIGNOR:

JOHNSON, KEVIN P.

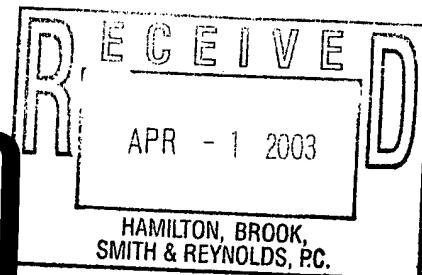
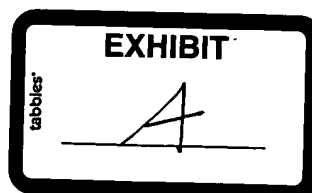
DOC DATE: 11/05/2002

ASSIGNEE:

TANTIVY COMMUNICATIONS, INC.
1450 SOUTH BABCOCK STREET
MELBOURNE, FLORIDA 32901

SERIAL NUMBER: 60414946
PATENT NUMBER:

FILING DATE: 09/30/2002
ISSUE DATE:



013510/0192 PAGE 2

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-25-2002

Docket No.:2479.2180-000

REC

SHEET



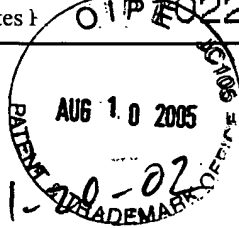
To the Commissioner, United States Patent and Trademark Office

01P/E02292653

attached original documents or copy thereof.

1. Name of conveying party(ies)

John E. Hoffmann
George Rodney Nelson, Jr.
John A. Regnier
Kevin P. Johnson



2. Name and address of receiving party(ies)

Name: Tantivy Communications, Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: November 5, 2002

Street Address: 1450 South Babcock Street

City: Melbourne State: FL ZIP: 32901

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
60/414,946

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

FINANCE SECTION
2002 NOV 20 AM 11:07
RECEIVED

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David J. Thibodeau, Jr., Esq.

Internal Address: _____

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: 530 Virginia Road, P.O. Box 9133

City: Concord State: MA ZIP: 01742-9133

6. Total number of applications and patents involved: [1]

7. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

- ☒ Enclosed
☒ Authorized to charge any deficiencies or credit any overpayment to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark B. Solomon

Name of Person Signing

Mark B. Solomon
Signature

11/15/02
Date

Total number of pages including cover sheet, attachments, and document: [5]

11/25/2002 TDIARZ

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Provisional Joint

JEH
Hoffman
ASSIGNMENT

WHEREAS, we, **John E. Hoffman, George Rodney Nelson, Jr., John A. Regnier and Kevin P. Johnson**, have invented a certain improvement in **Software Based Antenna Steering for WLAN** described in a Provisional Patent Application, the specification of which:

☐ is about to be filed in the United States Patent Office;

☒ was filed on **September 30, 2002** as Provisional Application No. **60/414,946**.

WHEREAS, **Tantivy Communications, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **1450 South Babcock Street, Melbourne, Florida 32901** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said Provisional application, together with the entire right, title and interest in and to said Provisional application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any nonprovisional applications including substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: John E. Hoffman
John E. Hoffman

State/Commonwealth

of Florida

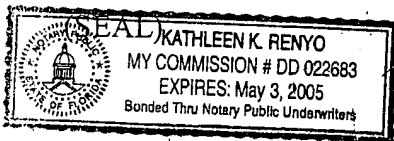
County of Brevard

Then personally appeared before me the above-named **John E. Hoffman** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____

5th day of Nov., 2002

Kathleen K. Renyo Notary Public
(print name)

My Commission expires ____ / ____ / ____



Inventor: _____

George Rodney Nelson, Jr.

State/Commonwealth

of Florida

County of Brevard

Then personally appeared before me the above-named **George Rodney Nelson, Jr.** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 5th day of Nov., 2002



(SEAL)

Kathleen K. Renyo

Notary Public

(print name)

My Commission expires ____ / ____ / ____

Inventor: _____

John A. Regnier

State/Commonwealth

of Florida

County of Brevard

Then personally appeared before me the above-named **John A. Regnier** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 5th day of Nov., 2002



(SEAL)

Kathleen K. Renyo

Notary Public

(print name)

My Commission expires ____ / ____ / ____



Inventor: Kevin P. Johnson
Kevin P. Johnson

State/Commonwealth

of Florida

County of Sevier

Then personally appeared before me the above-named **Kevin P. Johnson** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____

5th day of Nov., 2002



(SEAL)

Kathleen K. Renyo Notary Public
(print name)

My Commission expires ____ / ____ / ____